

FIG. 2

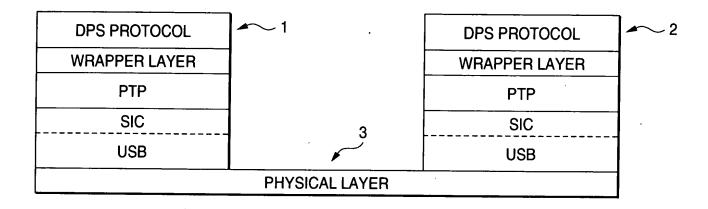
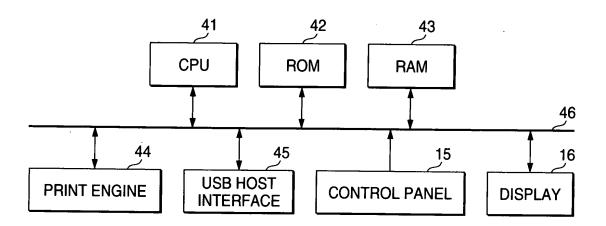


FIG. 3

XML COMMAND LIST
DPS_DiscoverService
DPS_Configure
DPS_GetCapability
DPS_GetJobStatus
DPS_GetDeviceStatus
DPS_GetObjectID
DPS_GetFileInfo
DPS_GetFile
DPS_GetPartialFile
DPS_GetFileList
DPS_GetThumb
DPS_StartJob
DPS_AbortJob
DPS_ContinueJob

FIG. 4



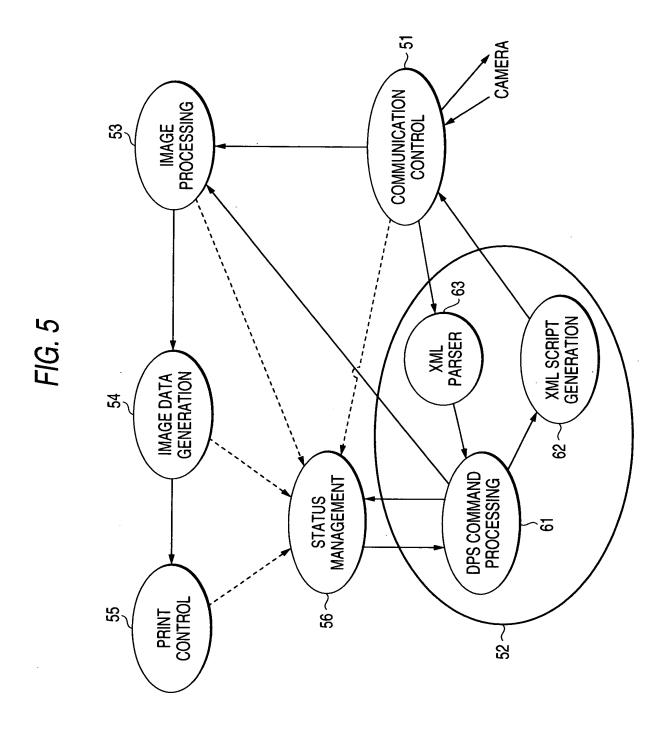
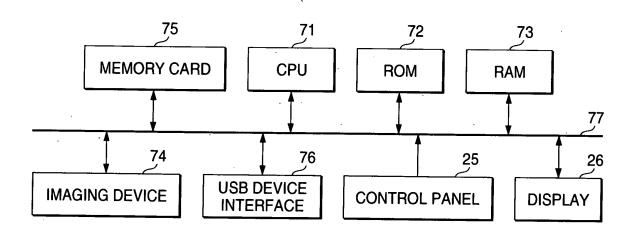


FIG. 6



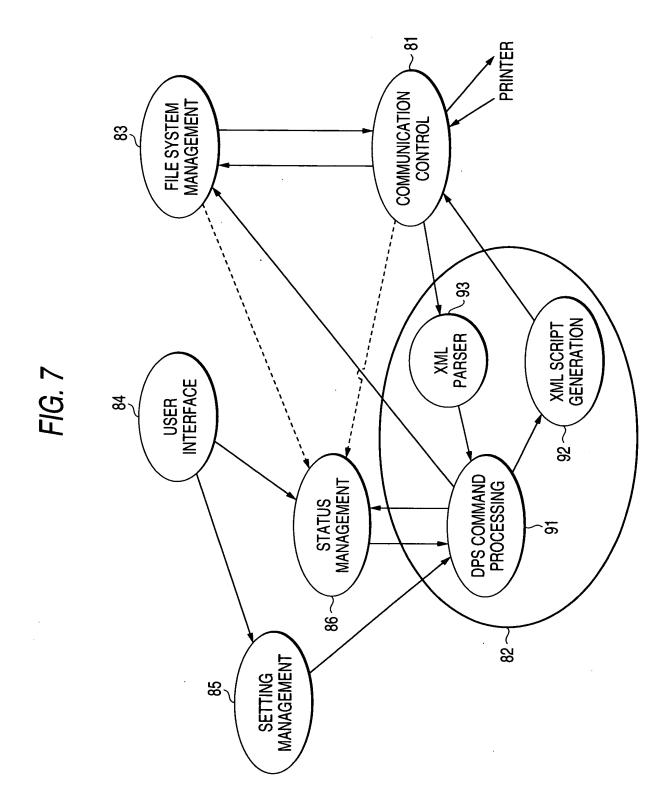


FIG. 8

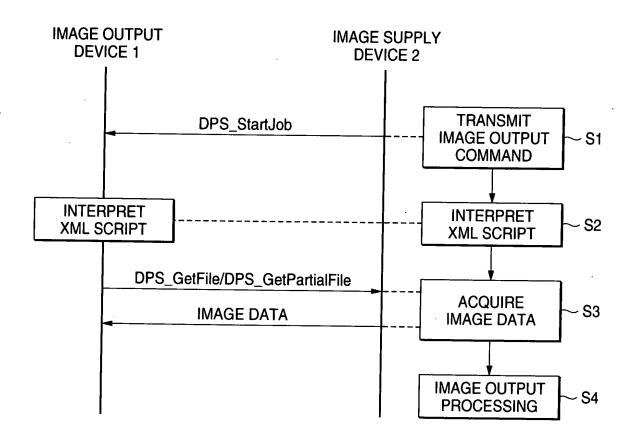
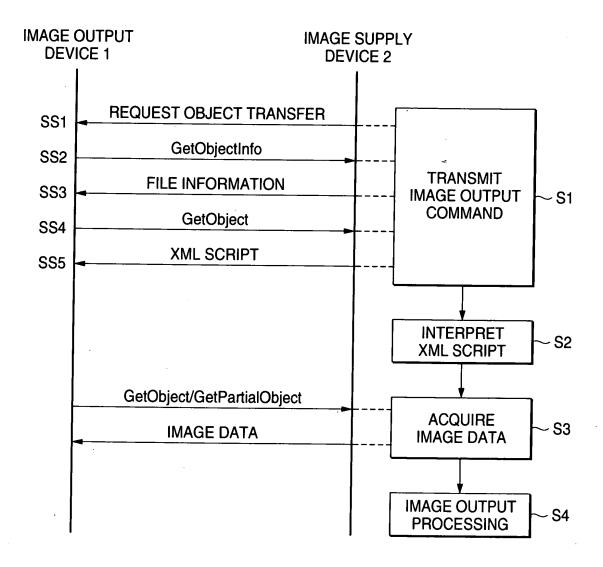


FIG. 9



```
<?xml version="1.0"?>
<dps xmlns="http://www.xxxx">
  <startJobRequest>
    <job>
      <jobConfig>
        <quality>01000000</quality>
        <paperSize>02010000</paperSize>
        <paperType>03020000</paperType>
        <fileType>04150000</fileType>
        <date>05010000</date>
        <fileName>06000000</fileName>
        <imageOptimize>07000000</imageOptimize>
        <layoutitem>08010000</layoutitem>
      </jobConfig>
      <printlnfo>
        <image>
          <imageID>0000001</imageID>
          <imageDate>2002/05/30</imageDate>
        </image>
      </job>
  </startJobRequest>
</dps>
```

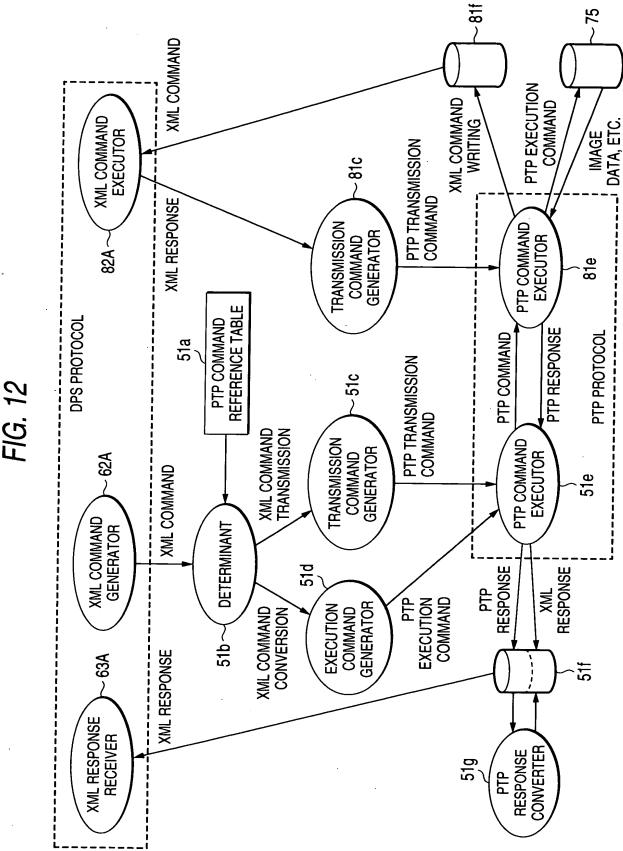
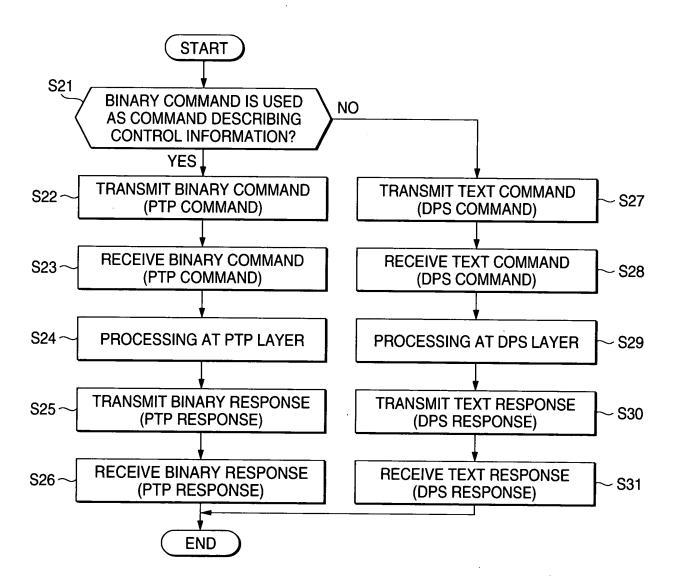


FIG. 13



```
FIG. 14A 
<?xml version="1.0"?>
<dps xmlns="http://www.xxxx">
<GetFileInfoRequest>
</fileID>00000001

</des>
FIG. 14B

OperationCode: 0x1008
OperationParameter1: ptpObjectHandle
OperationParameter2: None
OperationParameter3: None
                               otpObjectHandle 🗕 mapID (fileID)
FIG. 14C 

fileType 
ObjectFormat FIELD OF
OBJECT INFORMATION DATA SET
ObjectCompressedSize FIELD OF
OBJECT INFORMATION DATA SET
                               ?xml version="1.0"?>
<dps xmlns="http://www.xxxx">
```

FIG. 15

OBJECT INFORMATION DATA SET		
0001h		
3002h		
0000h		
SIZE OF (INPUT OR OUTPUT)		
0000h		
00000000h		
0000000h		
"IMAGE"		
0000h		
0000000h		
00000000h		
001. JPG		
2003/11/01		
2003/11/01		
"TEST"		

```
FIG. 16B ptpObjectHandle - mapID (fileID)
FIG. 16C OperationCode: 0x1009
OperationParameter1: ptpObjectHandle
OperationParameter2: None
OperationParameter3: None
                <?xml version="1.0"?>
```

```
?xml version="1.0"?>
 FIG. 17A

<pre
 FIG. 17B ObjectFormatCode - ObjectFormatID (fileType)
FIG. 17C

OperationCode: 0x1007
OperationParameter1: StorageID
OperationParameter2: [ObjectFormatCode]
OperationParameter3: ObjectHandle OF FOLDER, ETC.
REQUESTING CHILD OBJECT LIST
                                       <?xml version="1.0"?>
```

ObjectCompressedSize FIELD OF OBJECT INFORMATION DATA SET - SIZE OF (XML RESPONSE) ObjectCompressedSize FIELD OF OBJECT INFORMATION DATA SET - SIZE OF (XML COMMAND) (IMAGE OUTPUT DEVICE 1 - XML COMMAND - IMAGE SUPPLY DEVICE 2) (IMAGE OUTPUT DEVICE 1 → XML COMMAND → IMAGE SUPPLY DEVICE 2) SendObjectInfo (OBJECT INFORMATION DATA SET) RequestObjectTransfer (ObjectHandle) GetObjectInfo (ObjectHandle)
 OBJECT INFORMATION DATA SET → SendObject (XML COMMAND) → RESPONSE → RESPONSE FIG. 18B

GetObject (ObjectHandle)XML RESPONSE

FIG. 19A

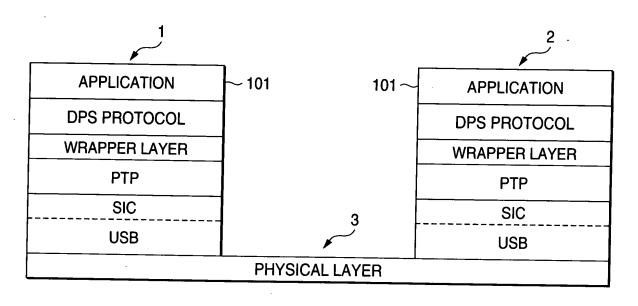


FIG. 19B

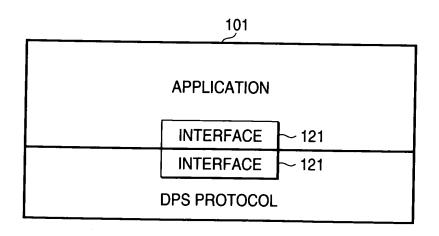


FIG. 20

